

ABSTRACT OF THE DISCLOSURE

A high temperature oxide superconducting wire is provided which is capable of preventing metal located on the outer periphery of the superconducting wire from diffusing into a superconductor to achieve
5 restriction of reduction in the critical current density. The high temperature oxide superconducting wire includes a high temperature oxide superconductor 1, a sheathing body 2 formed of material containing silver for coating the high temperature oxide superconductor 1, a heat-resistant
oxide ceramic material 3 for coating the sheathing body 2, and a coating
10 body 4 which is inactive relative to the heat-resistant oxide ceramic material 3 in a high temperature oxidative atmosphere.